



MEHMED BLAZEVIC

02/12/1993

Embedded System Engineer

As an Embedded System Engineer, my journey has been fueled by a lifelong fascination with how things work and a passion for bringing innovative ideas to life.

CONTACT



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SKILLS

Firmware, C/C++, Assembly, FreeRTOS, TI-RTOS, debugging



Embedded Linux, Kernel, Device Drivers, Buildroot, Busybox, U-Boot



ARM, Cortex-M, NXP, STM, Nordic, Atmel, Texas Instrument



FPGA, VHDL, SystemVerilog, UVM/VMM, Altera, Xilinx, Vivado, Quartus, Nios2



Hardware, digital/analogue electronics, Altium, KiCad, soldering, reflow, repair, wiring



Software, Java, C#, Python, Bash, Computer vision, Machine Learning, openCV, PyTorch, Numpy



Git, Latex, Notion, Linux, MacOS, Windows



STRENGTHS

- Technical expertise
- Analytical thinking
- Detail oriented
- Creativity
- Adaptability

LANGUAGES

- French: mother tongue
- English: B2
- Bosnian: mother tongue

EXPERIENCE

Embedded system engineer, Schematic, Aubonne 2021/2024

Designing, assembling and programming PCBs to ensure the control and optimal operation of electric vehicles, utilized across various projects such as **Motosacoché** and **Yakbike**. Developing a Qt App enabling the control and updates of the PCBs via BLE. Developing and maintaining documentation. Effectively managing projects through close collaboration with stakeholders.

Teaching assistant, HEPIA, Geneva 2018/2021

Updated **myLab2** and **hepiaLight** platforms and ran tests. Worked on embedded Linux platform for the Linux class, wrote several kernel drivers and made a state of art on the DRM (interfaces Linux kernel with GPUs). Made **SCALP** high-end FPGA-based PCB and ran few tests. Assisting the logical systems, computer vision and system programming courses.

Embedded system engineer, CHIC, Lausanne, Hong-Kong & Shenzhen 2017/2018

China Hardware Innovation Camp challenges students to go from a blank sheet of paper to the functional prototype of a connected device. I was a team member of **GUIDO** and we developed an innovative device to make learning music fun. We won the 2nd place of the **Genilem** contest.

Electronic repair technician, Maclinic, Geneva 2018/2020

Electronic repair of all kinds on Apple computers. Mostly motherboard reparation, components check and reflow, re-route unconnected or corroded tracks, etc.

EDUCATION

Master of Science, HES-SO, Lausanne 2018/2021

Information and Communication Technologies in Embedded and Mobile Systems

Bachelor, HEPIA, Geneva 2015/2018

Information Technology Engineering with focus in hardware computing

CFC + Technician ES, CFPT, Geneva 2009/2015

Apprenticeship & technician ES in electronic science

HOBBIES

